
August Social

AleWife Pub

The Baltimore Post hosted an August Social on August 18 at AleWife located in downtown Baltimore. The event had light appetizers and beverages, and provided an opportunity to meet the new District Commander, Col. Chamberlayne, in a social/casual setting. There were 68 members in attendance- a great showing!

Colonel Edward P. Chamberlayne became the 67th Commander of the Baltimore District, U.S. Army Corps of Engineers on July 17th, 2015, where he commands a workforce of more than 1,100 employees overseeing a multi-billion-dollar program including Military Construction, Civil Works, and International, Interagency and Emergency support.



We Are A Top Post!

The Baltimore Post had the honor of accepting the Top Large Post Award for 2014 at the JETC held in Houston, TX May 19-21, 2015. Each year, SAME Posts compete for Streamer Awards in recognition of outstanding accomplishments. This distinction is a result of the Baltimore Post winning the Education and Training Streamer, Leadership and Mentoring Streamer, the Relationships and Recognition Streamer, and the Membership Streamer, including growth membership of both private and public sectors. The Post Streamer Awards were also presented at the Post Awards Breakfast at JETC. Pictured are members of the Post's board of direction accepting the Top Large Post Award. Congratulations to the entire Baltimore Post board of directors, committee chairs and members, sustaining member firms, and individual members for this remarkable accomplishment!



YMs Tour Baltimore Recycling Facility

On May 27 thirteen Post members attended a tour of the Wheelabrator Waste-to-Energy Facility located in Baltimore, Maryland. The facility provides disposal of municipal solid waste for the City and County of Baltimore, while generating clean, renewable electricity for sale to the local utility. The Wheelabrator processes up to 2,250 tons of solid waste per day. It has an electric generating capacity of 60,000 kilowatts which is equivalent to supplying electrical needs of 68,000 homes.

The group toured the facility and learned about the waste to energy process. The process begins with incoming truck deliveries to an enclosed reception area where the municipal solid waste is unloaded into concrete storage pits. Large overhead cranes then transfer the trash into a feed hopper to the boiler. Inside the boiler an inclined, reciprocating, metal grate slowing moves the trash through the thermal process, where

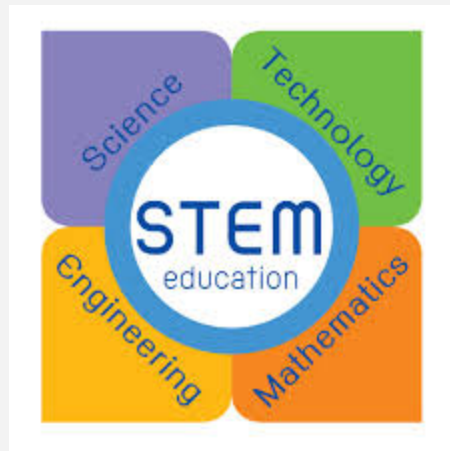


temperatures exceed 2,000°F. The boilers are designed to recover thermal energy in the form of high pressure steam that is converted into electrical energy in a turbine generator. With access to existing steam distribution lines, waste-to-energy can produce and sell both steam and electricity. After the trash is completely processed, the ferrous metals are separated from the ash residue for recycling. The overall volume of incoming trash is reduced by 90%. The ash is then transported to a local landfill.

The tour was an educational event that provided insight into the operations of the waste-to-energy facility for our SAME members.

Sonnenberg Speaks to Students

Members of the SAME Baltimore Post are actively engaged in Science Technology Engineering Math (STEM) outreach all year long. Most recently, Stell Environmental's Senior Project Manager, Erich Sonnenberg, PE, visited Mountain Ridge High School in Frostburg, MD. Erich was contacted, due to membership in the MD STEM Speaker's Bureau. This connection was made by Student Mentoring Chair, Emily Schiffmacher, P.E., in order to continue to promote the education goals and initiatives of the Baltimore Post.



During his visit to the school, Erich spoke to two biology classes about the environmental impact of fracking shale formations for extraction of natural gas, and the impacts to the State of Pennsylvania, as fracking has led to groundwater and air pollution, truck traffic, inadequate plugging and abandonment of wells, and global warming, as a result of the methane releases.. The topic was relevant for the students who are currently studying environmental issues, as fracking is being considered in the State of Maryland. Thank you to Emily Schiffmacher for her support, and Erich Sonnenberg for volunteering his time!

Upcoming Events

See what we will be up to!

16 September: Join us for our 75th Anniversary Celebration at the Engineer's Club!

21 October: Monthly meeting at the Engineer's Club on Environmental Compliance, Remediation, and Munitions Response.



To register for our meetings or for more information, visit our website [here](#).

Meeting **The Engineering Society of Baltimore**
Location: 11 West Mount Vernon Place
Baltimore, MD 21201

samebalt.org
